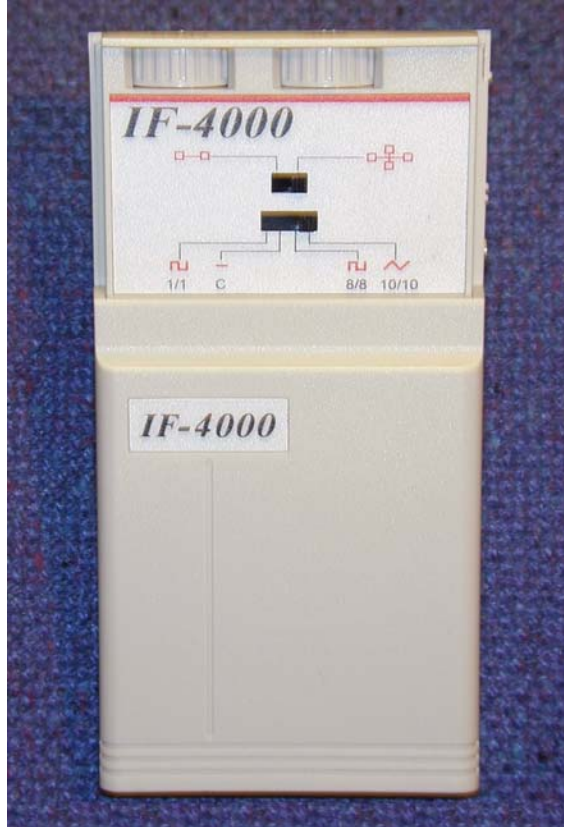


# IF4000 Interferential Stimulator



*Portable Interferential Therapy is characterized by crossing two slightly different medium frequency alternating currents to create a third frequency current that drives the stimulation deeper into the tissue. The third current is also called the "beat frequency" and it becomes the actual therapeutic frequency.*

*When treating acute pain with the 80HZ to 120HZ, interferential stimulation will provide a release of enkephalin with a treatment time of 10 to 12 minutes. Chronic pain usually requires 15 to 20 minutes of treatment at 3HZ to 5HZ to release beta-endorphins.*

*Commonly used for:*

- \*Pre & Post-op orthopedic surgery*
- \*Athletic & other joint injuries*
- \*Cumulative trauma disorders*
- \*Multiple podiatric conditions*
- \*Arthritis*
- \*Pain Control*

Channel: Dual, isolated between channels

Carrier Frequency:  $(4000 \pm 10\%)$  Hz, fixed

Difference Frequency:  $(1 \pm 0.5) \sim (150 \pm 10\%)$  Hz, adjustable

Output Voltage:  $(16 \pm 2.5)$  Volts (500 ohms loading)

Waveform: Symmetric biphasic square

Pulse Width:  $(125 \pm 10\%)$  microseconds for each phase

Four Frequency Shift: Continuous, 1/1 abrupt, 8/8 abrupt, 10/10 ramped options

Power Source: One 9 volt alkaline battery or A/C adapter (included)

Distributed by:

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